

Application No. 10/053,096
 Amendment Dated August 03, 2005
 Reply to Office Action of July 25, 2005

AMENDMENT TO THE CLAIMS:

The following listing of claims will replace all prior versions of claims in the application.

LISTING OF THE CLAIMS:

Claim 1 (currently amended): ~~A sound module attachable to an object, the sound module comprising:~~

~~a piezo amplification device having a top and a bottom and an interior;~~
~~a piezoelectric element coupled to the piezo amplification device substantially at the top of the piezo amplification device; and~~
~~an inflatable object attached to said piezo amplification device being attachable to the object so as to form a cavity between an interior of the piezo amplification device and the inflatable object, the inflatable object having an interior bounded by walls at the bottom of the piezo amplification device;~~
~~wherein when the piezo amplification device is attached to the object, the interior of the piezo amplification device and the object form a cavity~~
~~an electrical circuit electrically coupled to the piezoelectric element and configured to generate audio signals, the piezoelectric element being configured to convert the audio signals into sound that resonates off the walls within the interior of the inflatable object.~~

Claim 2 (canceled): ~~The sound module according to claim 1 further comprising:~~

~~an electrical circuit electrically coupled to the piezoelectric element;~~
~~the electrical circuit being configured to generate audio signals; and,~~
~~the piezoelectric element being configured to convert the audio signals into sound that resonates within the object.~~

Claim 3 (currently amended): A sound module attachable to an object, the sound module comprising:

a piezo amplification device;
a piezoelectric element coupled to the piezo amplification device;

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LISTING OF THE CLAIMS:

Claim 1 (currently amended): ~~A sound module attachable to an object, the sound module comprising:~~

~~a piezo amplification device having a top and a bottom and an interior;
a piezoelectric element coupled to the piezo amplification device substantially at the top
of the piezo amplification device; and~~

~~an inflatable object attached to said piezo amplification device being attachable to the
object so as to form a cavity between an interior of the piezo amplification device and the
inflatable object, the inflatable object having an interior bounded by walls at the bottom of the
piezo amplification device;~~

~~wherein when the piezo amplification device is attached to the object, the interior of the
piezo amplification device and the object form a cavity~~

~~an electrical circuit electrically coupled to the piezoelectric element and configured to
generate audio signals, the piezoelectric element being configured to convert the audio signals
into sound that resonates off the walls within the interior of the inflatable object.~~

Claim 2 (canceled): ~~The sound module according to claim 1 further comprising:~~

~~an electrical circuit electrically coupled to the piezoelectric element;
the electrical circuit being configured to generate audio signals; and,
the piezoelectric element being configured to convert the audio signals into sound that
resonates within the object.~~

Claim 3 (currently amended): A sound module attachable to an object, the sound module
comprising:

a piezo amplification device;

a piezoelectric element coupled to the piezo amplification device;

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an inflatable object;
said piezo amplification device being attachable to the inflatable object to form a cavity
between the piezo amplification device and the inflatable object;
~~The sound module according to claim 2 wherein:~~

the piezo amplification device ~~includes~~ including a plurality of concentrically stacked rings.

Claim 4 (currently amended): The sound module according to claim 3 wherein the rings are stacked with the largest ring forming the a bottom of the piezo amplification device and the smallest ring forming the a top.

Claim 5 (original): The sound module according to claim 3 wherein the stack of rings comprises an integral unit.

Claim 6 (currently amended): The sound module according to claim 3 further comprising:

a tail portion extending radially out from one of the rings;
wherein the electrical circuit is being coupled to the tail portion.

Claim 7 (original): The sound module according to claim 3 wherein at least two of the rings are different shapes from each other.

Claim 8 (original): The sound module according to claim 1 wherein the piezo amplification device comprises semi-rigid foam.

Claim 9 (currently amended): The sound module according to claim 1 wherein the piezo amplification device has at least one hole therein in which is arranged the piezo electric element.

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~~Claim 10 (canceled): The sound module according to claim 1 wherein the object comprises an inflatable object.~~

Claim 11 (currently amended): A sound module attachable to an object, the sound module comprising:

a speaker piezoelectric element;

piezo an amplification means for housing the piezoelectric element device and for attaching the piezoelectric element arranged to space the speaker from to the an inflatable object, the amplification device being attached to the inflatable object, the inflatable object having an interior bounded by walls; and,

a circuit means configured to generate audio signals and being electrically coupled to the piezoelectric element speaker, the speaker being configured and arranged for generating audio signals; wherein the piezoelectric element is configured to convert the audio signals generated by the circuit means into sound that resonates off the walls within the interior of the inflatable object.

~~Claim 12 (canceled): A method of producing sound comprising:~~

~~housing a piezoelectric element at substantially the top of a piezo amplification means; electrically coupling a circuit designed to produce audio signals to the piezoelectric element;~~

~~coupling the piezo amplification means to an object to form a cavity between the piezo amplification means and the object.~~

~~Claim 13 (canceled): The method according to claim 12 further comprising:~~

~~attaching a tail to the piezo amplification means; and,~~

~~housing the circuit on the tail.~~

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Claim 14 (original): A sound module attachable to an inflatable object, the sound module comprising:

a semi-rigid pyramid shaped piezo amplification device having a top, a bottom and an interior, the pyramid shape being formed by concentrically stacking rings such that a ring stacked closer to the top of the piezo amplification device is smaller than a ring stacked closer to the bottom of the piezo amplification device;

the piezo amplification device being attachable to the inflatable object at a bottom most ring of the piezo amplification device;

wherein when the piezo amplification device is attached to the inflatable object, the interior of the piezo amplification device and the inflatable object form a cavity;

a piezoelectric element coupled to one of the rings at the top of the piezo amplification device;

an electrical circuit electrically coupled to the piezoelectric element;

the electrical circuit being configured to generate audio signals; and,

the piezoelectric element being configured to convert the audio signals into sound that resonates within the inflatable object.

Claim 15 (original): The sound module according to claim 14 wherein:

the semi-rigid piezo amplification device comprises an integral unit.

Claim 16 (original): The sound module according to claim 14 further comprising:

a tail portion extending radially out from piezo amplification device;

Wherein the electrical circuit is coupled to the tail portion.

Claim 17 (original): The sound module according to claim 14 wherein at least two of the rings are different shapes from each other.

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Claim 18 (original): The sound module according to claim 14 wherein the semi-rigid piezo amplification device comprises foam.

Claim 19 (original): The sound module according to claim 14 wherein the semi-rigid piezo amplification device has at least one hole therein.

Claim 20 (original): The sound module according to claim 14 wherein the inflatable object comprises a balloon.

Claim 21 (new): The sound module according to claim 11, wherein the amplification device has a hole in which is arranged the speaker.

Claim 22 (new) The sound module according to claim 1, wherein the inflatable object in a balloon.

Claim 23 (new) The sound module according to claim 11, wherein the inflatable object in a balloon.